

Data File : VU038987.D
Acq On : 19 Jun 2020 16:26
Operator : SY/MD
Sample : VSTD00501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00501

Quant Time: Jun 19 17:21:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 17:18:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	274440	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	276396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	147629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	120314	5.97	ug/L	0.00
7) Chloroethane-d5	1.93	69	88346	5.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	219732	5.48	ug/L	0.00
20) 2-Butanone-d5	4.67	46	358599	56.20	ug/L	0.00
24) Chloroform-d	5.10	84	210749	5.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	121872	5.36	ug/L	0.00
32) Benzene-d6	5.76	84	417449	5.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	129760	5.58	ug/L	0.00
41) Toluene-d8	7.92	98	429799	6.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	70120	6.33	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	269610	50.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115799	5.34	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	143640	5.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	136254	5.149 ug/L	100
3) Chloromethane	1.53	50	132205	5.065 ug/L	100
5) Vinyl chloride	1.62	62	136038	5.197 ug/L	100
6) Bromomethane	1.88	94	52148	3.786 ug/L	100
8) Chloroethane	1.95	64	79491	4.856 ug/L	100
9) Trichlorofluoromethane	2.16	101	180447	4.616 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	107931	5.200 ug/L	100
12) 1,1-Dichloroethene	2.61	96	99074	5.070 ug/L	100
13) Acetone	2.67	43	227568	52.720 ug/L	100
14) Carbon disulfide	2.82	76	338481	5.083 ug/L	100
15) Methyl Acetate	2.99	43	54723	5.115 ug/L	100
16) Methylene chloride	3.08	84	115068	5.050 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	259937	5.031 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	105092	5.088 ug/L	100
19) 1,1-Dichloroethane	3.91	63	201422	5.310 ug/L	100
21) 2-Butanone	4.75	43	374985	55.119 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	109997	5.186 ug/L	100
23) Bromochloromethane	5.01	128	49850	4.984 ug/L	100
25) Chloroform	5.13	83	201427	5.252 ug/L	100
27) 1,2-Dichloroethane	5.83	62	143012	5.130 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	175916	5.081 ug/L	100
30) Cyclohexane	5.42	56	174497	5.234 ug/L	100
31) Carbon tetrachloride	5.56	117	147099	4.840 ug/L	100
33) Benzene	5.81	78	454989	5.379 ug/L	100
34) Trichloroethene	6.57	95	108884	5.131 ug/L	100
35) Methylcyclohexane	6.79	83	176730	5.210 ug/L	100
37) 1,2-Dichloropropane	6.82	63	119276	5.380 ug/L	100
38) Bromodichloromethane	7.13	83	173610	5.877 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	196176	5.882 ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	1113606	68.095 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	540998	6.002	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	188710	6.091	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	101470	5.996	ug/L	100
47) Tetrachloroethene	8.57	164	80864	4.931	ug/L	100
48) 2-Hexanone	8.71	43	669038	57.233	ug/L	100
49) Dibromochloromethane	8.83	129	95583	4.959	ug/L	100
50) 1,2-Dibromoethane	8.94	107	83689	5.128	ug/L	100
51) Chlorobenzene	9.47	112	285105	5.064	ug/L	100
52) Ethylbenzene	9.59	91	482573	5.151	ug/L	100
53) m,p-Xylene	9.71	106	190013	5.253	ug/L	100
54) o-Xylene	10.11	106	182055	5.254	ug/L	100
55) Styrene	10.13	104	318146	5.327	ug/L	100
56) Isopropylbenzene	10.50	105	479634	5.200	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	114163	5.069	ug/L	100
59) 1,2,3-Trichloropropane	10.83	75	83589	5.051	ug/L	100
61) Bromoform	10.31	173	55003	4.630	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	235956	5.070	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	234833	4.926	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	223897	4.890	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	19278	4.325	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	175367	4.712	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	150473	4.479	ug/L	100
69) Naphthalene	14.11	128	275593	4.286	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	161770	5.082	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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